**PRODUCT DATA SHEET**

**KoraGloss® - 300 RS**  
Low VOC Quick Dry Alkyd Enamel

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**GENERIC TYPE:**  
Single coat, rust inhibitive interior alkyd finish

**DESCRIPTION:** 
*KoraGloss-300 RS* is a quick dry, corrosion resistant gloss enamel specially formulated for finishing metal products. Free of mercury, lead and chromate hazards. *KoraGloss-300 RS* is a high-gloss, VOC compliant, modified long oil alkyd finish that dries to a uniform tough film. Provides good protection in mild environments.

**FEATURES:**  
- Low VOC  
- High solids, high or semi-gloss modified long oil alkyd.  
- Lead and Chromate-free  
- Durable high gloss finish  
- Fast dry  
- Protects against atmospheric corrosion  
- Excellent flow and leveling  
- High hiding  
- Excellent resistance to grease, oil and water  

**RECOMMENDED USES:**  
*KoraGloss-300 RS* coating is ideal for safety equipment and pipe identification. Also suitable for use as a fast dry coating for general plant maintenance. As a single component interior and exterior finish for use over properly prepared metal, wood and masonry. Typically piping, tank exterior, railcars, miscellaneous metal parts and various types of equipment. May be used over most alkyd primers and many other generic types.

**NOT RECOMMENDED FOR:**  
Immersion service, or splash and spillage of acids, alkalies, or solvents.

**ORDER INFORMATION:** Prices may be obtained from SanyChem Sales Representative or main Office.

**APPROXIMATE SHIPPING WEIGHT:**

<table>
<thead>
<tr>
<th>Packaging</th>
<th>Weight</th>
<th>lbs.</th>
<th>kg.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 gallon (3.785L)</td>
<td>13</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>5 gallons (18.925L)</td>
<td>62</td>
<td>28</td>
<td></td>
</tr>
</tbody>
</table>

| KoraGloss-300 RS High-Gloss | 15 lbs. (7 kg.) | 74 lbs. (30 kg.) |
| KoraGloss-300 RS Semi-Gloss | 8 lbs. (4.1 kg.) | 39 lbs. (18 kg.) |

| SolvenSany # 276 Thinner Case | 4 gallon case - 60 lbs. (28 kg) | 5 gallon pail - 74 lbs. (30 kg) |

**FLASH POINT (Pensky/Martens Closed Cup):**

- KoraGloss-300 RS: 105 °F (41 °C)
- SolvenSany # 276 Thinner: 105 °F (41 °C)

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**SPECIFICATION DATA**

- **Solids Content By Volume:** KoraGloss-300 RS 69% ± 2%
- **Theoretical Coverage Rate per Gallon:**
  
  | KoraGloss-300 RS | 28 m² / Lit at 25 microns | 9.2 m² / Lit at 75 microns |

- Mixing and application losses will vary and must be taken into consideration when estimating job requirements.

- **Volatile Organic Content (VOC) as supplied:** KoraGloss-300 RS 2.00 lbs./gal. (240 g/L)

- **Topcoat Required:** None. Optional second coat will give a longer service life. Please consult the appropriate system guide, the particular job specification or your SanyChem Coatings’ Industrial Coatings Specialist for proper systems using this product. Systems must be selected considering the particular environment involved.

Specific recommendations do not topcoat directly with coatings containing strong solvents like epoxies or vinyls.

**TYPICAL CHEMICAL RESISTANCE**

<table>
<thead>
<tr>
<th>Exposure</th>
<th>Splash &amp; Spillage</th>
<th>Fumes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acids</td>
<td>NR</td>
<td>Fair</td>
</tr>
<tr>
<td>Alkalis</td>
<td>NR</td>
<td>Fair</td>
</tr>
<tr>
<td>Solvents</td>
<td>NR</td>
<td>Fair</td>
</tr>
<tr>
<td>Salt</td>
<td>Good</td>
<td>Good</td>
</tr>
<tr>
<td>Water</td>
<td>Excellent</td>
<td>Excellent</td>
</tr>
</tbody>
</table>

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January 2001 replaces April 1998

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APPLICATION INSTRUCTIONS

These instructions are not intended to show product recommendations for specific service. They are issued as aid in determining correct surface preparation, mixing instructions, and application procedure. It is assumed that the proper product recommendations have been made. These instructions should be followed closely to obtain the maximum service from the materials.

Substrates & Surface Preparation

General:

All surfaces must be clean and dry prior to coating. Remove any oil or grease with clean rags soaked in SolvenSany #252 Thinner in accordance with SSPC-SP-1-82 or power wash with SanyChem MetalCleaner #100 diluted in water and rinse.

All surfaces must be sound, dry, clean, and free of oil, grease, dirt, mildew, form release agents, curing compounds, efflorescence, loose and flaking paint and other foreign substances.

NON IMMERSION SERVICE:

Steel - Prime with metal primer KoraPrimer-290 or KoraPrimer-400.

Galvanized Metal and Aluminum - Prime with metal primer SanyBond-WP 100 or SanyBond-8000.

Previously Painted Surfaces: Wash to remove contaminants. Rinse thoroughly with water and allow to dry. Dull glossy areas by light sanding. Remove sanding dust. Remove loose paint. Prime bare areas with primer specified under

New Surfaces. Surfaces in good condition generally may be done with one coat.

Previously painted glossy finish should be sanded to degloss and roughen overcoating.

Mixing: Power Mix to a uniform consistency before thinning.

Thinning:

Spray: May be thinned up to 5-10% by volume with SolvenSany #276.

Brush or Roller: May be thinned up to 5% by volume with SolvenSany #276.

Application Equipment

Listed below are general equipment guidelines for the application of this product. Job site conditions may require modifications to these guidelines to achieve the desired results. The following equipment has been found suitable and is available from manufacturers such as Binks, DeVilbis and Graco.

Application Equipment

Listed below are general equipment guidelines for the application of this product. Job site conditions may require modifications to these guidelines to achieve the desired results. General guidelines:

Spray Application

(General) The following spray equipment has been found suitable and is available from manufacturers such as Binks, DeVilbis and Graco.

Conventional Spray Pressure pot equipped with dual regulators, 3/8” I.D. minimum material hose, 0.052” I.D. fluid tip and appropriate air cap. Hold gun approximately 18-20 inches from the surface and at a right angle to the surface.

A tack coat followed by a full coat technique is required for best appearance and ease of application. Minimum time between tack coat and full coat is one minute to allow solvent to flash.

Mfr. & Gun Fluid Tip Air Cap

DeVilbiss P-MBC or JGA FF 704

Binks #18 or #62 63C 63 BB

I.D. Approx. .052”

Airless Spray Use 3/8” minimum I.D. material hose. Hold gun approximately 18-20 inches from the surfaces and at a right angle to the surface.

Mfr. & Gun Pump

DeVilbiss JGB-507 QFA-514 or QFA-519

Binks Model 700 Mercury 5C or B8-36 37:1

Graco 205-591 President 30:1 OR BullDog 30:1

Use a .013” - .017” tip with 2000 psi.

Teflon packings are recommended and available from the pump manufacturer.

Contact

For information and Prices, Please Call a SANYCHEM Local Sales Representative.


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APPLICATION CONDITIONS

<table>
<thead>
<tr>
<th>Material</th>
<th>Surfaces</th>
<th>Ambient</th>
<th>Humidity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Normal</td>
<td>10 – 32 °C</td>
<td>13 – 32 °C</td>
<td>13 – 38 °C</td>
</tr>
<tr>
<td>Minimum</td>
<td>2 °C</td>
<td>2 °C</td>
<td>2 °C</td>
</tr>
<tr>
<td>Maximum</td>
<td>49 °C</td>
<td>74 °C</td>
<td>49 °C</td>
</tr>
</tbody>
</table>

Do not apply when the surface temperature is less than 5 °F or 2 °C above the dew point.

Brush & Roller Use a medium bristle brush applying with full stokes. Use medium nap roller. Avoid rebrushing or rerolling.

Cleanup & Safety

Cleanup Use SolvenSany #252 in case of spillage, absorb and dispose of in accordance with local applicable regulations.

Safety Read and follow all caution statements on this product data sheet and on the MSDS for this product. Employ normal workmanlike safety precautions. Hypersensitive persons should wear protective clothing, gloves and use protective cover on face, hands and all exposed areas.

Ventilation When used as a tank lining or in enclosed areas, thorough air circulation must be used during and after application until the coating is cured. The ventilation system should be capable of preventing the solvent vapor concentration from reaching the lower explosion limit for the solvents used. In addition to ensuring proper ventilation, appropriate respirators must be used by all application personnel.

Caution

This product contains flammable solvents. Keep away from sparks and open flames. All electrical equipment and installations should be made and grounded in accordance with the National Electric Code. In areas where explosion hazards exist, workmen should be required to use non-ferrous tools and wear conductive and non-sparking shoes.

FOR INDUSTRIAL USE ONLY. KEEP AWAY FROM CHILDREN. 1/2001

Made In the U.S.A.

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